RAW SEQUENCE LISTING
ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: *10/686,490*

Source: *IFWD*

Date Processed by STIC: *10/29/2003*

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:
1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY
FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT
MARK SPENCER, TELEPHONE: 703-308-4212; FAX: 703-308-4221
Effective 12/13/03: TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE **CHECKER VERSION 4.1 PROGRAM**, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:
http://www.uspto.gov/web/offices/pac/checker/chkr41note.htm

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.
Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.
Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (**<http://www.uspto.gov/ebc/efs/downloads/documents.htm>** , **EFS Submission User Manual** - cPAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry directly to (EFFECTIVE 12/01/03):
   U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 4B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 10/08/03

IFWO

RAW SEQUENCE LISTING   DATE: 10/29/2003
PATENT APPLICATION: US/10/686,490   TIME: 09:56:06

Input Set : A:\35991.ST25-US.txt
Output Set: N:\CRF4\10292003\J686490.raw

```
      3 <110> APPLICANT: Bayer Aktiengesellschaft
W-->  4 <120> TITLE OF INVENTION: Anti-Kazlauskas-Lipases
W-->  5 <130> FILE REFERENCE: LeA 35 991
C-->  6 <140> CURRENT APPLICATION NUMBER: US/10/686,490
C-->  6 <141> CURRENT FILING DATE: 2003-10-15
W-->  6 <160> NUMBER OF SEQ ID: 2
      7 <170> SOFTWARE: PatentIn version 3.1
      9 <210> SEQ ID NO: 1
     10 <211> LENGTH: 885
     11 <212> TYPE: DNA
     12 <213> ORGANISM: artificial
W--> 13 <220> FEATURE:
     14 <221> NAME/KEY: CDS
     15 <222> LOCATION: (1)..(885)
     16 <223> OTHER INFORMATION:
W--> 18 <400> 1
     19 atg gca cag gtg aag gcc aac ggc att acc ctc gag tat gaa gag cag      48
     20 Met Ala Gln Val Lys Ala Asn Gly Ile Thr Leu Glu Tyr Glu Glu Gln
     21 1               5                   10                  15
     23 ggc cat cgc cac cat ccg tcc atg ctc ctc att atg ggc ctg ggc ggc      96
     24 Gly His Arg His His Pro Ser Met Leu Leu Ile Met Gly Leu Gly Gly
     25             20                  25                  30
     27 cag tta atc gac tgg ccc gag gag ttc atc cgg ggg ctg gct gaa cga     144
     28 Gln Leu Ile Asp Trp Pro Glu Glu Phe Ile Arg Gly Leu Ala Glu Arg
     29         35                  40                  45
     31 ggc ttc cgg gta atc tgt ttc gac aac cgc gac gcg ggg ctt tcg acg     192
     32 Gly Phe Arg Val Ile Cys Phe Asp Asn Arg Asp Ala Gly Leu Ser Thr
     33         50                  55                  60
     35 aaa ctt gaa ggc gtg aaa aaa ccg aac att gcc cgg gta ttt ctc ctg     240
     36 Lys Leu Glu Gly Val Lys Lys Pro Asn Ile Ala Arg Val Phe Leu Leu
     37 65                  70                  75                  80
     39 gcg agc atg ggc cta aag ccc agg gtg cct tac acc ctc gac gac atg     288
     40 Ala Ser Met Gly Leu Lys Pro Arg Val Pro Tyr Thr Leu Asp Asp Met
     41                 85                  90                  95
     43 gcc ctg gac acc gtg ggg ctg atg gat gcc ctg ggc att gag agc acc     336
     44 Ala Leu Asp Thr Val Gly Leu Met Asp Ala Leu Gly Ile Glu Ser Thr
     45                 100                 105                 110
     47 cac gta gtt ggc gtc tcc atg ggc ggc atg att gcg cag att cta ggg     384
     48 His Val Val Gly Val Ser Met Gly Gly Met Ile Ala Gln Ile Leu Gly
     49             115                 120                 125
     51 gcg aag cac ggg gag cgg gtg aaa tcc ctt acc ctg atg att acc tcc     432
     52 Ala Lys His Gly Glu Arg Val Lys Ser Leu Thr Leu Met Ile Thr Ser
     53     130                 135                 140
```

RAW SEQUENCE LISTING   DATE: 10/29/2003
PATENT APPLICATION: US/10/686,490   TIME: 09:56:06

Input Set : A:\35991.ST25-US.txt
Output Set: N:\CRF4\10292003\J686490.raw

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55 tcc ggc aac ccc cgc atg ccg gcg ccc agg ccg cag gtg ctg caa aag    480
56 Ser Gly Asn Pro Arg Met Pro Ala Pro Arg Pro Gln Val Leu Gln Lys
57 145              150             155             160
59 ttt atg cgg gtg ccc aag agc atg gat aag gaa gag tgg att aaa tac    528
60 Phe Met Arg Val Pro Lys Ser Met Asp Lys Glu Glu Trp Ile Lys Tyr
61              165             170             175
63 aac ttg gag ctt tta acc acc atc ggc agc ccc ggg ttg gac cgg gag    576
64 Asn Leu Glu Leu Leu Thr Thr Ile Gly Ser Pro Gly Leu Asp Arg Glu
65              180             185             190
67 aag ctg gcc tta gac gtg agg aag agc ata gag cgg tgc ctt tgc ccc    624
68 Lys Leu Ala Leu Asp Val Arg Lys Ser Ile Glu Arg Cys Leu Cys Pro
69         195             200             205
71 gaa ggc acg cag cgg cag ctg gca gcc atc ctg cag agc ggc agc agg    672
72 Glu Gly Thr Gln Arg Gln Leu Ala Ala Ile Leu Gln Ser Gly Ser Arg
73         210             215             220
75 gtg aag ctg ctc cgg cgg atc gct gtc ccc acc ctg gtc atc agc ggg    720
76 Val Lys Leu Leu Arg Arg Ile Ala Val Pro Thr Leu Val Ile Ser Gly
77 225             230             235             240
79 gcg gaa gat ccc ctc ctg ccg tac cag tgc ggc cgg gac att gcc gac    768
80 Ala Glu Asp Pro Leu Leu Pro Tyr Gln Cys Gly Arg Asp Ile Ala Asp
81              245             250             255
83 cat atc ccg gga gcc cgc ttc gag ctc atc gag ggc atg ggg cac gac    816
84 His Ile Pro Gly Ala Arg Phe Glu Leu Ile Glu Gly Met Gly His Asp
85              260             265             270
87 att ccc gag cgg cac atc ccc cgg ctg att gag ctc atc gcc ggg cac    864
88 Ile Pro Glu Arg His Ile Pro Arg Leu Ile Glu Leu Ile Ala Gly His
89         275             280             285
91 gcc gcg gcc gcg gaa gct taa                                        885
92 Ala Ala Ala Ala Glu Ala
93         290
96 <210> SEQ ID NO: 2
97 <211> LENGTH: 294
98 <212> TYPE: PRT
99 <213> ORGANISM: artificial
```

```
W--> 102 <220> FEATURE:
W--> 102 <223> OTHER INFORMATION:
W--> 102 <400> 2
104 Met Ala Gln Val Lys Ala Asn Gly Ile Thr Leu Glu Tyr Glu Glu Gln
105 1               5               10              15
108 Gly His Arg His His Pro Ser Met Leu Leu Ile Met Gly Leu Gly Gly
109             20              25              30
112 Gln Leu Ile Asp Trp Pro Glu Glu Phe Ile Arg Gly Leu Ala Glu Arg
113         35              40              45
116 Gly Phe Arg Val Ile Cys Phe Asp Asn Arg Asp Ala Gly Leu Ser Thr
117     50              55              60
120 Lys Leu Glu Gly Val Lys Lys Pro Asn Ile Ala Arg Val Phe Leu Leu
121 65              70              75              80
124 Ala Ser Met Gly Leu Lys Pro Arg Val Pro Tyr Thr Leu Asp Asp Met
125             85              90              95
```

```
128 Ala Leu Asp Thr Val Gly Leu Met Asp Ala Leu Gly Ile Glu Ser Thr
129          100         105             110
132 His Val Val Gly Val Ser Met Gly Gly Met Ile Ala Gln Ile Leu Gly
133          115             120             125
136 Ala Lys His Gly Glu Arg Val Lys Ser Leu Thr Leu Met Ile Thr Ser
137      130             135             140
140 Ser Gly Asn Pro Arg Met Pro Ala Pro Arg Pro Gln Val Leu Gln Lys
141 145             150             155                 160
144 Phe Met Arg Val Pro Lys Ser Met Asp Lys Glu Glu Trp Ile Lys Tyr
145              165             170             175
148 Asn Leu Glu Leu Leu Thr Thr Ile Gly Ser Pro Gly Leu Asp Arg Glu
149          180             185             190
152 Lys Leu Ala Leu Asp Val Arg Lys Ser Ile Glu Arg Cys Leu Cys Pro
153          195             200             205
156 Glu Gly Thr Gln Arg Gln Leu Ala Ala Ile Leu Gln Ser Gly Ser Arg
157      210             215             220
160 Val Lys Leu Leu Arg Arg Ile Ala Val Pro Thr Leu Val Ile Ser Gly
161 225             230             235                 240
164 Ala Glu Asp Pro Leu Leu Pro Tyr Gln Cys Gly Arg Asp Ile Ala Asp
165              245             250                 255
168 His Ile Pro Gly Ala Arg Phe Glu Leu Ile Glu Gly Met Gly His Asp
169          260             265             270
172 Ile Pro Glu Arg His Ile Pro Arg Leu Ile Glu Leu Ile Ala Gly His
173      275             280             285
176 Ala Ala Ala Ala Glu Ala
177      290
```

RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 10/29/2003
PATENT APPLICATION: US/10/686,490   TIME: 09:56:07

Input Set : A:\35991.ST25-US.txt
Output Set: N:\CRF4\10292003\J686490.raw

Invalid <213> Response:
Use of "Artificial" only as "<213> Organism" response is incomplete,
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2

Use of <220> Feature(NEW RULES): *err Explanation*
Sequence(s) are missing the <220> Feature and associated headings.
Use of <220> to <223> is MANDATORY if <213> ORGANISM is "Artificial Sequence"
or"Unknown". Please explain source of genetic material in <220> to <223>
section (See "Federal Register," 6/01/98, Vol. 63, No. 104,pp.29631-32)
(Sec.1.823 of new Rules)

Seq#:2

VERIFICATION SUMMARY
PATENT APPLICATION: **US/10/686,490**

DATE: 10/29/2003
TIME: 09:56:07

Input Set : **A:\35991.ST25-US.txt**
Output Set: **N:\CRF4\10292003\J686490.raw**

L:4 M:283 W: Missing Blank Line separator, <120> field identifier
L:5 M:283 W: Missing Blank Line separator, <130> field identifier
L:6 M:270 C: Current Application Number differs, Replaced Current Application No
L:6 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:6 M:283 W: Missing Blank Line separator, <160> field identifier
L:13 M:283 W: Missing Blank Line separator, <220> field identifier
L:18 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:1,Line#:16
L:102 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:2, <213>
ORGANISM:artificial
L:102 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:2, <213>
ORGANISM:artificial
L:102 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:2,Line#:102